

Supplementary Table S1. Sensitivity Analyses for Length of Stay and Total Hospital Charges Among Adults Hospitalized with COVID-19

Sensitivity analysis	Estimate	95% CI	P value	Interpretation
Log-transformed length of stay	$\beta = 0.0889$	0.0777–0.1000	P <0.001	Cirrhosis remained associated with longer length of stay.
Gamma GLM for total hospital charges	$\exp(\beta) = 1.1088$	1.0870–1.1312	P <0.001	Cirrhosis remained associated with higher total hospital charges.

Abbreviations: CI, confidence interval; GLM, generalized linear model; LOS, length of stay.

**Supplementary Table S2:
Adjusted In-Hospital Mortality Probabilities by Year and Cirrhosis Status Among Adults Hospitalized with COVID-19**

Year	No cirrhosis adjusted mortality probability	Cirrhosis adjusted mortality probability	Adjusted absolute difference
2020	10.3%	14.4%	+4.1 percentage points
2021	10.8%	15.5%	+4.6 percentage points
2022	5.3%	9.5%	+4.2 percentage points

**Supplementary Table S3:
Cirrhosis x Year Interaction Model for In-Hospital Mortality Among Adults Hospitalized with COVID-19**

Model term	Adjusted OR	95% CI	P value
Cirrhosis, 2020 reference year	1.51	1.40-1.63	<0.001
Cirrhosis x 2021 interaction	1.03	0.94-1.14	0.496
Cirrhosis x 2022 interaction	1.26	1.14-1.40	<0.001
Overall cirrhosis x year interaction	F = 13.34	-	<0.001

Abbreviations: CI, confidence interval; OR, odds ratio.